



ROAD MIX BITUMINOUS PAVEMENT FIELD SECTION 405

405.1 Scope. To establish procedures for the determination of the rate of bitumen application required for road mix bituminous pavement. Ingredients for use in road mix bituminous pavement are to be inspected in accordance with the applicable sections of this Manual. Distributors will be calibrated in accordance with [General Sec 10](#) of this Manual.

405.2 Procedure.

405.2.1 Sampling. A sample of aggregate shall be obtained in accordance with the procedures outlined in [Field Sec 1001](#) of this Manual and shall consist of two full sample bags of material. The identification sheet Form T-617 shall request that an Oil Line determination be performed.

405.2.2 Rate of Bitumen Application. Prior to mixing bituminous material and aggregate, the amount of bitumen required must be calculated. A recommended oil-line curve and bitumen index will be furnished by the Laboratory, based on tests performed on the aggregates. The necessary formulas, charts and sample calculations are shown in Sec 405.2 through 405.2.5 of the Construction Manual.

